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- January: Oswald T. Avery, Colin M. MacLeod, Maclyn McCarty, and photograph of DNA-transformed pneumococcal cell colonies.
- February: Ernst L. Wynder, Evarts A. Graham, graph showing distribution by amount of cigarette smoking among males with and without lung cancer, and mouse on which skin cancer was induced by application of cigarette "tar."
- March: Israel Aharoni, Saul Adler, and two Syrian golden hamsters.
- April: Morton S. Biskind, Gerson R. Biskind, cross-section of tumor in the spleen showing nodules of granulosa cell tumor in a luteoma, and histology section of this tumor
- May: Sam Shapiro, Philip Strax, Louis Venet, and background mammogram.
- June: David Baltimore, Howard M. Temin, Satoshi Mizutani, and DNA photomicrograph.

- July: Arthur Kirschbaum, Walter E. Heston, and figure outlining the experiment which determined that gene action controlling pulmonary tumor development in mice is localized in the lung tissue.
- August: Josef Marek, Ben R. Burmester, Peter M. Biggs, and background photomicrograph of Marek's disease.
- September: Abraham Cantarow, Karl Paschkis, and Franz and Marianne Bielschowsky.
- October: George and Eva Klein and the Karolinska Institutet, Stockholm, Sweden.
- November: Lucio Severi and the Institute of Pathological Anatomy and Histology, Perugia, Italy.
- December: Rose Ruth Ellison, Elizabeth Fekete, Anna Goldfeder, Ragna Rask-Nielsen, Katherine K. Sanford, Regina Schoental, Helene Wallace Toolan, and Jane C. Wright.



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